

MATERIAL SAFETY DATA SHEET

Date-Issued: 09/25/2003
MSDS Ref. No: 12852300
Date-Revised: 09/25/2003
Revision No: New MSDS

Miracle-Gro® Enriched Garden Soil for Flowers & Vegetables 0.1-0.05-0.1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Miracle-Gro® Enriched Garden Soil for Flowers & Vegetables 0.1-0.05-0.1
PRODUCT DESCRIPTION: Garden Soil

MANUFACTURER

The Scotts Company
Earthgro-Hyponex-Miracle Gro
Scotts-Scotts Lawn Service-Scotts Sierra-
Swiss Farms
14111 Scottslawn Road
Marysville, OH 43041

PN: 12852300

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Non-hazardous Product			
Regionally formulated - peat, forest products, compost, or manure		None	None
Urea	57-13-6	None	None
Ammonium Phosphate	7722-76-1	None	None
Potassium Nitrate	7757-79-1	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

COMMENTS: This product is not considered to be hazardous in accordance with the OSHA Hazard Communication Standard, 29 CFR 1919.1200, Health Hazard. Thus, no Material Safety Data Sheet is required. See product label for ingredients and product-specific Consumer Services telephone numbers.

The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Follow precautionary product label information.

General Considerations: Avoid breathing dusts or mists by using adequate ventilation. Reduce material contact by wearing gloves when handling material for extended periods or by washing hands after use. Minimize material contact during application of lawn/garden products by wearing long pants, shoes, and socks. Avoid eye contact with any foreign body and do not ingest product. Keep out of reach of children.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation in persons having a pre-existing skin condition.

INGESTION: If swallowed, product is considered practically non-toxic.

INHALATION: Inhalation of dusts or aerosols may aggravate asthma.

4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

COMMENTS: See product label for specific First Aid Measures. The above measures are the most conservative and would apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This product is non-combustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.

EXPLOSION HAZARDS: Explosive conditions may exist when a high airborne concentration of fertilizer or organic material occurs in an enclosed area.

FIRE FIGHTING PROCEDURES: Use self-contained air supply.

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire, oxides of nitrogen, carbon, phosphorus, and potassium, as well as ammonia may be produced.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Use good housekeeping practices. Sweep up spills. As a general practice, avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill. See label for specific disposal procedures.

7. HANDLING AND STORAGE

HANDLING: See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds, KEEP OUT OF REACH OF CHILDREN.

STORAGE: See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from feed or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: See label. Protective eye wear is typically not required for normal product use.

SKIN: See label. No special protective clothing is required under normal workplace conditions. Exposure potential may be reduced when handling product by wearing long-sleeved shirt, long pants, shoes, and socks. Gardening gloves are recommended for repeated handling by individuals having sensitive skin. Wash hands with soap and water after use.

RESPIRATORY: See label. No special respiratory protection is required under normal use conditions. However, if operating conditions create high airborne concentrations of product, a dust mask, or other appropriate respiratory protection is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Earthy

APPEARANCE: Soil-like consistency.

COLOR: Brown, earthy color

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: See label. Protect from moisture.

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire, toxic fumes may be produced.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

GENERAL COMMENTS: Toxicology information is limited for this product. Inhalation of dust may irritate nose, throat, and lungs. Eye contact with solids may produce irritation, tearing, or blinking as a foreign body in the eye.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: See label. Keep out of lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in normal waste disposal. Do not reuse empty container. See label for specific product disposal recommendations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not DOT regulated.

SPECIAL SHIPPING NOTES: The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Contact local authorities for proper disposal of large quantities of unused product.

16. OTHER INFORMATION

REVISION SUMMARY New MSDS

NFPA CODES

HEALTH: 1 **FIRE:** 0 **REACTIVITY:** 0

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

ADDITIONAL MSDS INFORMATION: NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

GENERAL STATEMENTS: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.